



Math worksheet on 'Fraction Addition - Missing Value (Mixed) - Two Changed Denominators (Level 2)'. Part of a broader unit on 'Fraction Addition and Subtraction, Mixed - Advanced'

Learn online:

app.mobius.academy/math/units/fractions_addition_and_subtraction_mixed_advance

1 Find the fraction that makes this equation correct

$$3\frac{1}{7} + \underline{\hspace{2cm}} = 4\frac{4}{77}$$

- | | | | | | |
|------------------|-------------------|-------------------|---------------------|-------------------|---------------------|
| a $4\frac{1}{5}$ | b $4\frac{2}{77}$ | c $\frac{10}{11}$ | d $\frac{334}{539}$ | e $4\frac{1}{11}$ | f $12\frac{36}{49}$ |
|------------------|-------------------|-------------------|---------------------|-------------------|---------------------|

2 Find the fraction that makes this equation correct

$$3\frac{1}{7} + \underline{\hspace{2cm}} = 3\frac{33}{35}$$

- | | | | | | |
|------------------|------------------|-------------------|-------------------|-----------------|------------------|
| a $3\frac{8}{9}$ | b $3\frac{6}{7}$ | c $22\frac{6}{7}$ | d $3\frac{7}{13}$ | e $\frac{4}{5}$ | f $4\frac{4}{7}$ |
|------------------|------------------|-------------------|-------------------|-----------------|------------------|

3 Find the fraction that makes this equation correct

$$\underline{\hspace{2cm}} + 2\frac{1}{2} = 5\frac{13}{22}$$

- | | | | | | |
|--------------------|------------------|-------------------|--------------------|-------------|-------------------|
| a $6\frac{11}{19}$ | b $5\frac{1}{2}$ | c $3\frac{1}{11}$ | d $2\frac{10}{11}$ | e 64 | f $6\frac{1}{21}$ |
|--------------------|------------------|-------------------|--------------------|-------------|-------------------|

4 Find the fraction that makes this equation correct

$$2\frac{1}{2} + \underline{\hspace{2cm}} = 3\frac{5}{14}$$

- | | | | | | |
|------------------|------------------|--------------------|------------------|------------------|-----------------|
| a $3\frac{4}{7}$ | b $1\frac{6}{7}$ | c $2\frac{11}{19}$ | d $3\frac{3}{7}$ | e $2\frac{5}{6}$ | f $\frac{6}{7}$ |
|------------------|------------------|--------------------|------------------|------------------|-----------------|

5 Find the fraction that makes this equation correct

$$3\frac{8}{11} + \underline{\hspace{2cm}} = 6\frac{5}{22}$$

- | | | | | | |
|-------------------|----------------------|--------------------|-------------------|------------------|------------------|
| a $6\frac{2}{11}$ | b $23\frac{51}{242}$ | c $5\frac{19}{23}$ | d $6\frac{4}{11}$ | e $5\frac{3}{4}$ | f $2\frac{1}{2}$ |
|-------------------|----------------------|--------------------|-------------------|------------------|------------------|

6 Find the fraction that makes this equation correct

$$\underline{\hspace{2cm}} + 2\frac{6}{7} = 6\frac{5}{14}$$

- | | | | | | |
|--------------------|--------------------|------------------|------------------|------------------|------------------|
| a $18\frac{8}{49}$ | b $2\frac{14}{17}$ | c $6\frac{2}{7}$ | d $6\frac{4}{7}$ | e $3\frac{1}{2}$ | f $6\frac{3}{7}$ |
|--------------------|--------------------|------------------|------------------|------------------|------------------|

7 Find the fraction that makes this equation correct

$$\underline{\hspace{2cm}} + \frac{1}{3} = 1\frac{16}{21}$$

- | | | | | | |
|------------------|------------------|--------------------|------------------|-------------------|--------------------|
| a $1\frac{5}{7}$ | b $1\frac{3}{5}$ | c $1\frac{17}{21}$ | d $1\frac{3}{7}$ | e $12\frac{2}{3}$ | f $1\frac{11}{21}$ |
|------------------|------------------|--------------------|------------------|-------------------|--------------------|